❑ Rapid unblocking of membrane filter - using pressurised **air** and **water mixt.** transferred across membrane from pressurised vessel on filtrate side to partially evacuated vessel.

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Clearing of blockage from a membrane filter using pressurised **air** and **water mixture**. The **air** and **water mixture** is pressurised to 4-6 Bar in a vessel connected to the filtrate recovery side of the filter. A second vessel of lower volume, connected to the residue collection side of the filter is placed under a partial vacuum. The two vessels are connected provoking a high pressure release of the **air** and **water mixture** across the membrane in the opposite direction to filtration. The pressure causes slight deformation of the membrane, aiding the unblocking process. The volume of the partially evacuated vessel is 5 times the volume of the supply chamber of the filter plus half a litre per square meter of membrane. Ozone or chlorine compounds can be added to the **air** and **water mixtures**.

USE/ADVANTAGE - **Cleaning** of **membranes** used in microfiltration and ultrafiltration. Rapid unblocking membrane. Efficient unblocking of rigid and flexible membranes.
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